



11 GRANDVIEW CIRCLE, SUITE 220
CANONSBURG, PA 15317

GN 161ST & TOWNE

BU# 821809

16414 TOWNE RD
WESTFIELD, IN 46074
HAMILTON COUNTY

TENANT: GTE MOBILNET OF INDIANA LIMITED PARTNERSHIP
d/b/a VERIZON WIRELESS
GN 161ST & TOWNE

FROM GUION ROAD MTSO: 3965 INDUSTRIAL BLVD. INDIANAPOLIS, IN: HEAD NORTH ON INDUSTRIAL BLVD TOWARD GUION RD (0.4 MI.). TURN LEFT (NORTH) ONTO GUION RD (3.6 MI.). TURN RIGHT (EAST) ONTO W 71ST ST (1.2 MI.). TURN LEFT (NORTH) N MICHIGAN RD (0.9 MI.). TURN RIGHT (EAST) ONTO W 79TH ST (0.7 MI.). TURN LEFT (NORTH) ONTO TOWNSHIP LINE RD (2.0 MI.). AT THE TRAFFIC CIRCLE, TAKE THE 2ND EXIT ONTO TOWNE RD (3.0 MI.). AT THE TRAFFIC CIRCLE, TAKE THE FIRST EXIT AND STAY ON TOWNE RD (0.2 MI.). AT THE TRAFFIC CIRCLE, TAKE THE 2ND EXIT AND STAY ON TOWNE RD (0.3 MI.). AT THE TRAFFIC CIRCLE, TAKE THE 2ND EXIT AND STAY ON TOWNE RD (2.3 MI.). SITE WILL BE LOCATED ON THE LEFT (WEST) SIDE OF THE ROAD.

PROPOSED 160' MONOPOLE TOWER w/8' LIGHTNING ROD -TOTAL TOWER HEIGHT 168'

CROWN CASTLE SITE
GN 161ST & TOWNE
BU # 821809
JOB # 332509
VERIZON WIRELESS SITE
GN 161ST & TOWNE
PROJECT#: 20151179397
MARKET ID: INDIANAPOLIS
LOCATION CODE: 311960
SITE ADDRESS
16414 TOWNE RD
WESTFIELD, IN 46074
HAMILTON COUNTY
E911 ADDRESS: TBD

POLICE
WESTFIELD POLICE DEPT.
17535 E 5TH ST
WESTFIELD, IN 46074
PHONE: 317-886-9336
FIRE
WESTFIELD FIRE DEPT.
17535 GARDEN RD
WESTFIELD, IN 46074
PHONE: 317-886-2704

GENERAL INFORMATION
LATITUDE: 40° 31' 23.58" N
LONGITUDE: 86° 12' 13.49" W
1983 (NAD83)
ELEVATION: 903.50' AMSL
1988 (NAD88)

CROWN CASTLE LEASE AREA
100'-0" x 100'-0"
10,000 SF

PROPERTY OWNER
THOMAS M & LISABETH D ARMSTRONG
16414 TOWNE RD
WESTFIELD, IN 46074
CONTACT: THOMAS ARMSTRONG
PHONE: 317-418-1229
E-MAIL: N/A

VERIZON WIRELESS LEASE AREA
22'-0" x 36'-0"
(792 SF)

PROJECT SUMMARY



PROJECT DESCRIPTION

NOTE: ALL ITEMS WITHIN THESE CONSTRUCTION DOCUMENTS ARE BY TOWER OWNER'S GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS UNLESS NOTED AS (VZW GC) WHICH SHALL INCLUDE VERIZON WIRELESS GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS. GENERALLY DESCRIBED BELOW:

- CROWN CASTLE GC SCOPE**
- INSTALL A NEW 160' MONOPOLE TOWER w/ 8' LIGHTNING ROD (TOTAL 168')
 - INSTALL A NEW TOWER FOUNDATION SYSTEM
 - INSTALL A NEW 80'-0" x 80'-0" FENCED GRAVEL COMPOUND
 - INSTALL A NEW ELECTRICAL SERVICE RUN TO SITE H-FRAME
 - INSTALL A NEW GRAVEL ACCESS DRIVE
 - NO WATER OR SEWAGE SERVICES RUN TO SITE
 - INSTALL NEW TOWER & SITE GROUNDING SYSTEM
 - INSTALL NEW VZW SUBSURFACE CRODING SYSTEM
 - INSTALL A NEW 11'-6" x 25'-5.5" CONCRETE EQUIPMENT PAD & FOUNDATION
 - INSTALL ELECTRICAL SERVICE CONDUIT WITH PULL TAPES FROM EQUIPMENT SHELTER TO UTILITY H-FRAME
 - INSTALL (1) NEW FIBER OPTIC CONDUIT w/ PULL TAPE FROM NEW PULL BOX AT COMPOUND TO PUBLIC R.O.W. w/ NEW PULL BOX AT R.O.W. FOR FUTURE FIBER
 - INSTALL (1) NEW VERIZON WIRELESS ONLY FIBER OPTIC CONDUIT w/ PULL TAPE & TRACER WIRE FROM VZW EQUIPMENT SHELTER TO NEW VERIZON WIRELESS ONLY HAND HOLE OUTSIDE COMPOUND
 - INSTALL (1) NEW VERIZON WIRELESS ONLY FIBER OPTIC CONDUIT w/ PULL TAPE FROM NEW HAND HOLE & STUB UP AT FUTURE FIBER PEDISTAL LOCATION
 - VERIZON WIRELESS SCORE (VZW GC)
 - INSTALL A NEW 11'-6" x 25'-5.5" PREFABRICATED RADIO EQUIPMENT SHELTER ON EXISTING CONCRETE PAD
 - INSTALL VZW ICE BRIDGE AND FOUNDATIONS
 - INSTALL VZW ANTENNA MOUNTING SUPPORT STRUCTURE ON TOWER
 - INSTALL VZW ANTENNAS, LINES, COAX, GPS ANTENNAS & RADIO EQUIPMENT
 - INSTALL EXISTING SUBSURFACE CRODING LEADS TO VZW EQUIPMENT & FACILITIES
 - INSTALL VZW ELECTRIC SERVICE CONDUCTORS FROM UTILITY H-FRAME TO VZW EQUIPMENT SHELTER
 - INSTALL (2) 1-1/4" & (1) 1" INDUCTORS w/ PULL TAPES & TRACER WIRE WITHIN OWNER INSTALLED VERIZON WIRELESS ONLY FIBER OPTIC CONDUIT

PROJECT DESCRIPTION



ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

BUILDING CODE 2014 INDIANA BUILDING CODE (IBC 2012)
STRUCTURAL CODE TB/EIA-222 - REVISION C
MECHANICAL CODE 2014 INDIANA MECHANICAL CODE (IMC 2012)
PLUMBING CODE 2012 INDIANA PLUMBING CODE (IPC 2004)
ELECTRICAL CODE 2008 NATIONAL ELECTRICAL CODE (NEC) - NFPA 70
FIRE/LIFE SAFETY CODE 2014 INDIANA FIRE CODE (2012 IFC)
ENERGY CODE 2010 INDIANA ENERGY CODE (IEC) 90.1-200 (COMMERCIAL)
GAS CODE 2014 INDIANA FUEL GAS CODE (IFGC 2012)

ACCESSIBILITY REQUIREMENTS:
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2009 IBC BUILDING CODE.

APPLICABLE CODES

SURVEYOR
BENCHMARK SERVICES, INC.
318 NORTH MAIN STREET P.O. BOX 5
HUNTINGBURG, IN 47542
PHONE: 812-683-3049
FAX: 812-683-2040
ARCHITECTURAL
GPD GROUP
8275 ALLISON POINTE TRAIL
SUITE 220
INDIANAPOLIS, IN 46250
CONTACT: TRACI PREBLE
317-299-2995
ELECTRICAL UTILITY COORDINATION
IS NOT FINALIZED. DO NOT PROCEED WITH CONSTRUCTION.
ELECTRICAL
IPC
ADDRESS: TBD
CONTACT: MEMBER OF SERVICE DEPT
PHONE: 1-800-521-2232
EMAIL: TBD

CONSULTANT TEAM



SHEET NUMBER	DESCRIPTION
T-1	PROJECT INFORMATION, VICINITY MAP, & SHEET INDEX
	SURVEY PLAN
001	
P-1	PRELIMINARY OVERALL SITE PLAN w/ AERIAL
P-2	PRELIMINARY OVERALL SITE PLAN
P-3	PRELIMINARY DETAILED SITE PLAN
	ARCHITECTURAL
P-4	PRELIMINARY TOWER ELEVATION

NOTE:
THIS IS A REDUCED SIZE COPY. THESE PLANS
WERE PRODUCED USING A 22"x34" FORMAT.
DO NOT SCALE FROM THESE PRINTS.



520 South Main Street, Suite 2531
Aurora, OH 44202
330.572.2100 Fax: 330.572.2102



11 GRANDVIEW CIRCLE, SUITE 220
CANONSBURG, PA 15317

REV	DATE	DESCRIPTION
1	10/15/15	PRELIMINARY CHANGES

GN 161ST & TOWNE
161ST & TOWNE RD
WESTFIELD, IN 46074
PROJECT INFORMATION,
VICINITY MAP, &
SHEET INDEX

ISSUED FOR:	
PERMIT	-
BID	-
CONSTRUCTION	-
RECORD	-

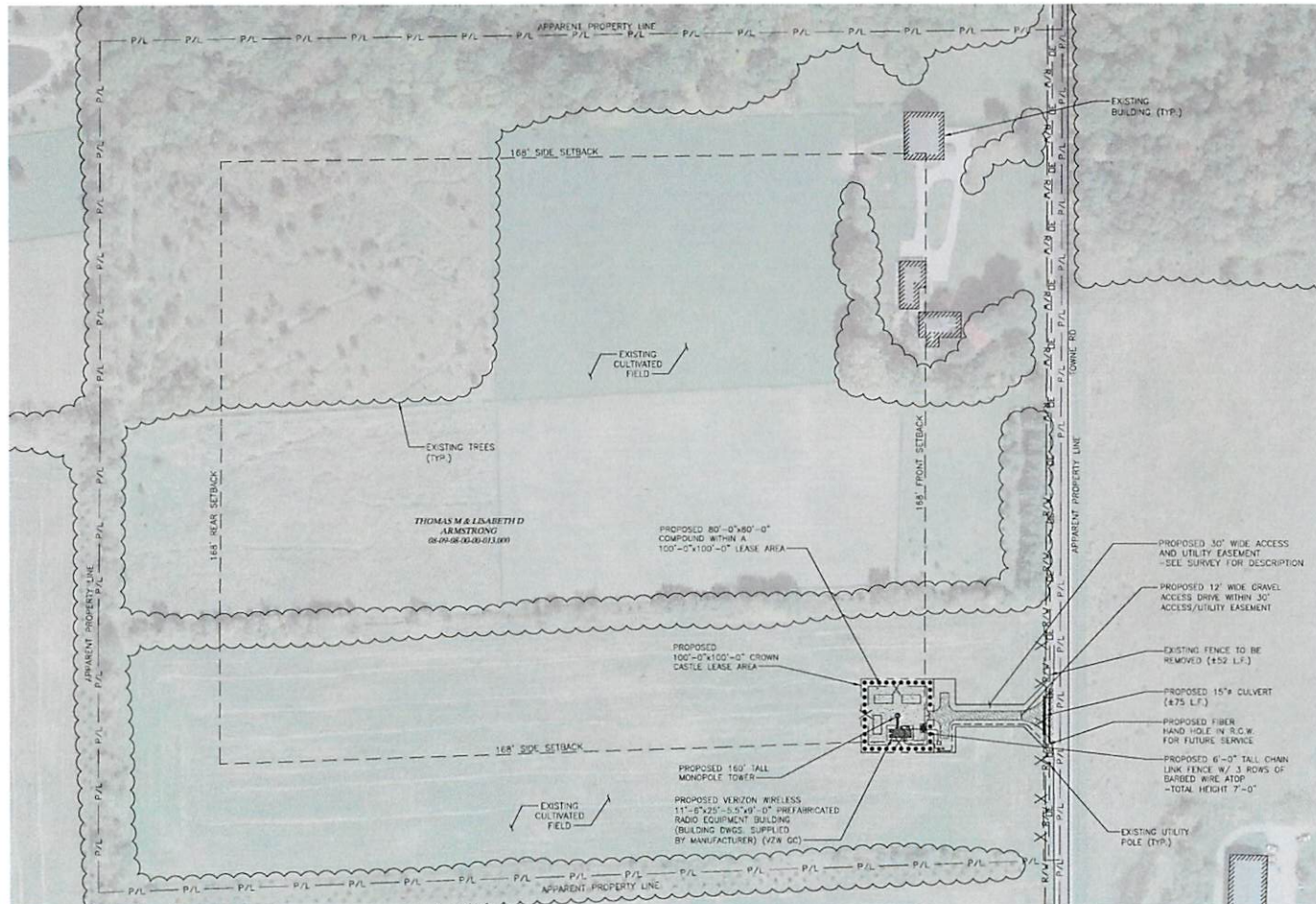
PROJECT MANAGER	DESIGNER
TTP	SEK

JOB NO.
2015710.25

T-1



NOTICE TO CONTRACTOR
 PER ORDER: 2014-06-03-001-001-001-001
 AGAINST THE LAW TO EXCAVATE WITHOUT
 NOTIFYING THE UNDERGROUND UTILITY SERVICE
 AND (2) WORKING DAYS BEFORE COMMENCING WORK



PRELIMINARY OVERALL SITE PLAN w/ AERIAL

SCALE: 1" = 80' (22"x34")
 SCALE: 1" = 160' (11"x17")



520 South Main Street, Suite 2031
 Akron, OH 44311
 330.572.2100 Fax: 330.572.2102



REV DATE DESCRIPTION
 A 06/03/14 PRELIMINARY DRAWING

161ST & TOWNE
 16144 TOWNE RD
 WESTFIELD, IN 46074
**PRELIMINARY OVERALL
 SITE PLAN w/ AERIAL**

ISSUED FOR:	
PERMIT	-
BID	-
CONSTRUCTION	-
RECORD	-

PROJECT MANAGER	DESIGNER
TTP	SEK

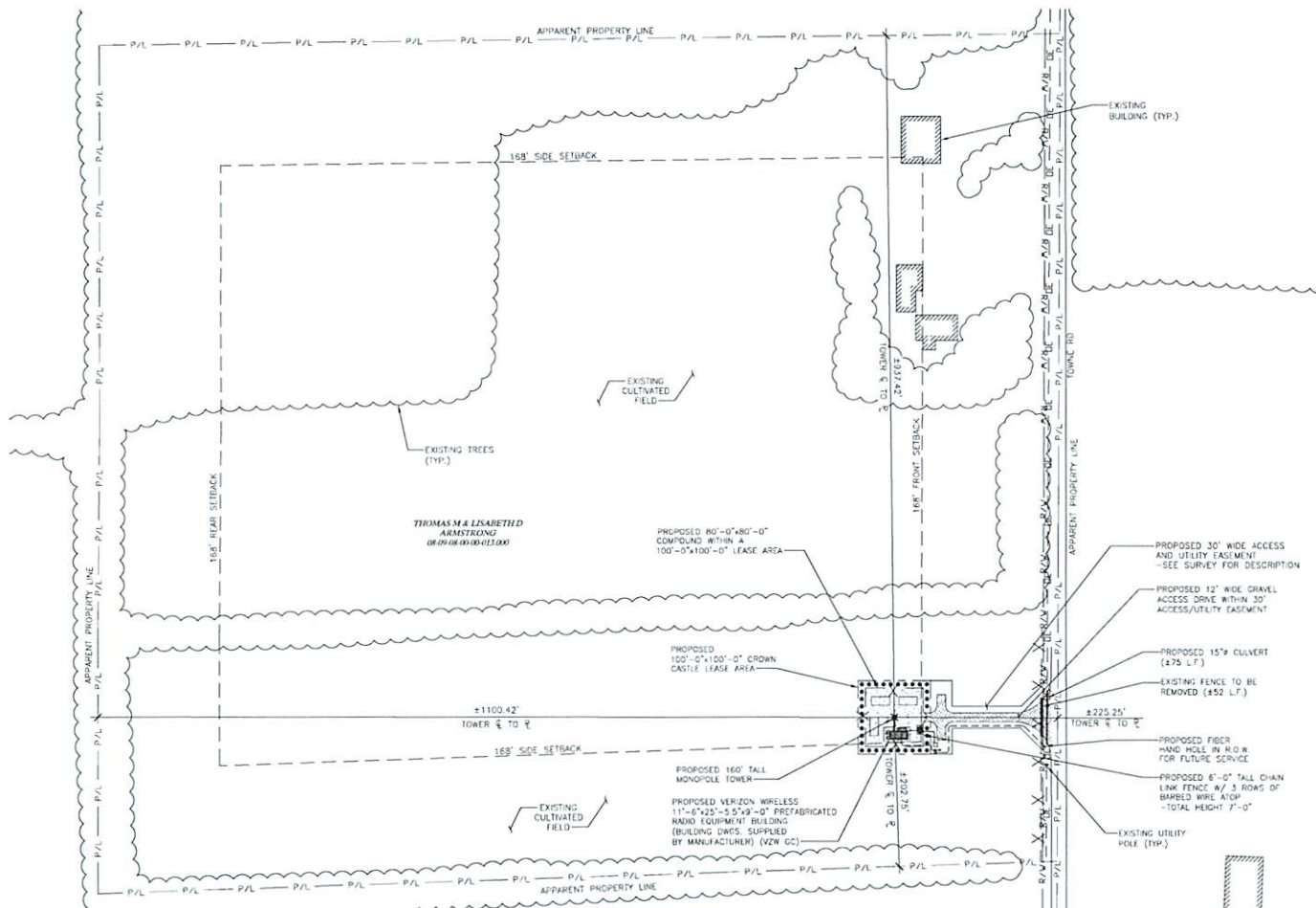
JOB NO.
2015710.25

P-1

Check Notes: 01/25/2015 11:51 AM TOWNCAST/Engineering/161st and Town Preliminary DWG
 June 2, 2015 2:20 PM - JAW/ENG



NOTICE TO CONTRACTOR
 THE OWNER SHALL BE RESPONSIBLE FOR
 OBTAINING ALL NECESSARY PERMITS AND
 ADHERING TO ALL LOCAL, STATE AND FEDERAL
 REGULATIONS AND ORDINANCES. THE CONTRACTOR SHALL
 BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND
 ADHERING TO ALL LOCAL, STATE AND FEDERAL REGULATIONS AND ORDINANCES.



PRELIMINARY OVERALL SITE PLAN

SCALE: 1" = 80' (22'x34')
 SCALE: 1" = 160' (11'x17')



520 South Main Street, Suite 2131
 Aurora, OH 44202
 330.572.2100 Fax: 330.572.2102



REV DATE DESCRIPTION
 A 10/01/15 PRELIMINARY DRAWINGS

161ST & TOWNE
 16414 TOWNE RD
 WESTFIELD, IN 46074
 PRELIMINARY OVERALL
 SITE PLAN

ISSUED FOR:	
PERMIT	-
BID	-
CONSTRUCTION	-
RECORD	-

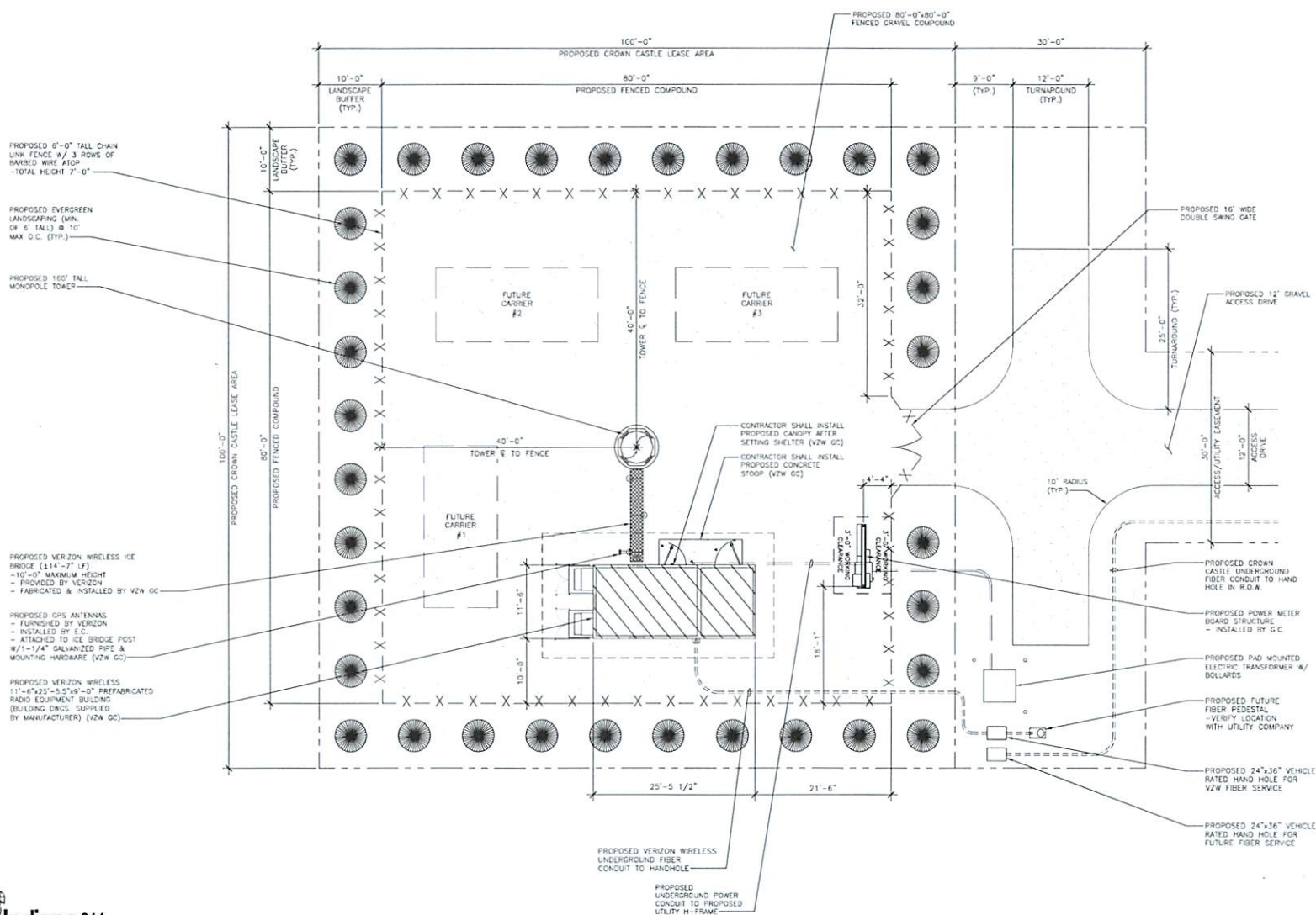
PROJECT MANAGER	DESIGNER
TTP	SEK

JOB NO.
 2015710.25

P-2



NOTICE TO CONTRACTOR
PER INDIANA STATE LAW IC-8-1-26-18, IT IS
AGAINST THE LAW TO EXCAVATE WITHOUT
NOTIFYING THE UNDERGROUND LOCATION SERVICE
TWO (2) WORKING DAYS BEFORE COMMENCING WORK.



PRELIMINARY DETAILED SITE PLAN

SCALE: 1/8" = 1'-0" (22"x34")
SCALE: 1/16" = 1'-0" (11"x17")



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REV.	DATE	DESCRIPTION
A	06/03/15	PRELIMINARY DRAWINGS

161ST & TOWNE
16414 TOWNE RD
WESTFIELD, IN 46074

**PRELIMINARY
DETAILED SITE PLAN**

ISSUED FOR:	
PERMIT	-
BID	-
CONSTRUCTION	-
RECORD	-

PROJECT MANAGER	DESIGNER
TTP	SEK

JOB NO.
2015710.25

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